



<b>Q-4</b>	<b>Attempt all questions</b>	
	a) Write a short note on oxy acetylene welding.	<b>04</b>
	b) What is the principle of arc welding? Explain submerged arc welding with neat sketch	<b>05</b>
	c) Enlist the different resistant weldings. Explain seam welding with neat sketch.	<b>05</b>
<b>Q-5</b>	<b>Attempt all questions</b>	
	a) Write the name of different welding defects. Explain any five.	<b>07</b>
	b) Explain soldering process. Give it's applications, advantages and disadvantages.	<b>07</b>
<b>Q-6</b>	<b>Attempt all questions</b>	
	a) Write a short note on rolling process with a neat sketch.	<b>04</b>
	b) Differentiate between hot working and cold working process.	<b>05</b>
	c) Explain briefly with neat sketch the process of wire drawing.	<b>05</b>
<b>Q-7</b>	<b>Attempt all questions</b>	
	a) What types of items are manufactures by the extrusion process? How does extrusion differ from injection moulding	<b>07</b>
	b) Name common thermoplastic and common thermosetting plastics and give their uses.	<b>07</b>
<b>Q-8</b>	<b>Attempt all questions</b>	
	a) Discuss fabrication of microelectronic process.	<b>07</b>
	b) Explain LIGA process with neat sketch & write its applications.	<b>07</b>

